

R E M A R K S

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

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By



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

The claims have been amended as follows:

17. (Amended) A substance identified as having insulin regulating properties using the method according to ~~any one of claims 7-16~~ 7.

32. (Amended) An assay for the screening of substances in respect of their insulin regulating properties, characterized in that a sequence according to claim 1 ~~or 5~~ is used as marker for insulin regulating properties.

38. (Amended) A method according to claim 36 ~~or 37~~, characterized in that the cells taken from the patient are chosen among blood cells, adipocyte cells, muscle cells, and liver cells.

39. (Amended) A method according to claim 36 ~~or 37~~, characterized in that the cells are blood cells.